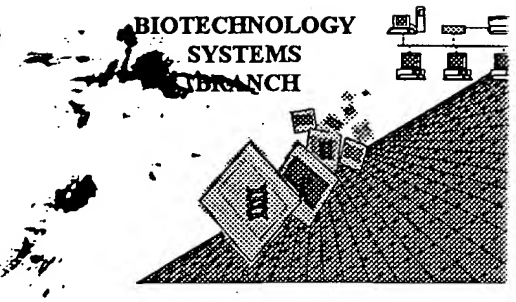
PNOlar

RAW SEQUENCE LISTING ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following CRF diskette:

P#1

Application Serial Number: 09/031,629

Art Unit / Team No. : 1644

Date Processed by STIC: 5/5/2000

RECEIVED
MAY 23 2000
TC 1600 MAIL ROOM

THE ATTACHED PRINTOUT EXPLAINS THE ERRORS DETECTED.

PLEASE BE SURE TO FORWARD THIS INFORMATION TO THE APPLICANTS BY EITHER:

1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANTS ALONG WITH A NOTICE TO COMPLY or,

2) CALLING APPLICANTS AND FAXING THEM A COPY OF THE PRINTOUT WITH A NOTICE TO COMPLY

THIS WILL INSURE THAT THE NEXT SUBMISSION RECEIVED FROM THEM WILL BE ERROR FREE.

IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CALL:

MARK SPENCER 703-308-4212

1644

RAW SEQUENCE LISTING DATE: 05/05/2000
PATENT APPLICATION: US/09/031,629 TIME: 12:06:01

Input Set : A:\Mgh73531.app
Output Set: N:\CRF3\05052000\I031629.raw

Does Not Comply
Corrected Diskette Needed

pp 1-2

```
  3 <110> APPLICANT: Faustman
  4       Hayashi
  6 <120> TITLE OF INVENTION: Methods for Treating and Diagnosing Autoimmune Disease
  8 <130> FILE REFERENCE: 11275/73537
 10 <140> CURRENT APPLICATION NUMBER: 09/031,629
E--> 11 <141> CURRENT FILING DATE: 1998-03-27
 13 <160> NUMBER OF SEQ ID NOS: 6
 15 <170> SOFTWARE: PatentIn Ver. 2.1
 17 <210> SEQ ID NO: 1
 18 <211> LENGTH: 5
 19 <212> TYPE: PRT
 20 <213> ORGANISM: Artificial Sequence
 22 <220> FEATURE:
 23 <221> NAME/KEY: SITE
 24 <222> LOCATION: (5)
 25 <223> OTHER INFORMATION: Xaa at position 5 is 7-amino-4-methylcoumarin
 26       attached to the C-terminal tyr.
 28 <220> FEATURE:
 29 <221> NAME/KEY: SITE
 30 <222> LOCATION: (1)
 31 <223> OTHER INFORMATION: The N-terminal leu contains a succinyl
 32       modification.
 34 <220> FEATURE:
 35 <223> OTHER INFORMATION: Description of Artificial Sequence:Fluorogenic
 36       peptide used for degradation assays.
 38 <400> SEQUENCE: 1
W--> 39 Leu Leu Val Tyr Xaa
 40   1               5
 43 <210> SEQ ID NO: 2
 44 <211> LENGTH: 4
 45 <212> TYPE: PRT
 46 <213> ORGANISM: Artificial Sequence
 48 <220> FEATURE:
 49 <221> NAME/KEY: SITE
 50 <222> LOCATION: (4)
 51 <223> OTHER INFORMATION: Xaa at position 4 is 7-amido-4-methylcoumarin
 52       attached to the C-terminal arg.
 54 <220> FEATURE:
 55 <223> OTHER INFORMATION: Description of Artificial Sequence:Fluorogenic
 56       peptide used for degradation assays.
 58 <220> FEATURE:
 59 <221> NAME/KEY: SITE
 60 <222> LOCATION: (1)
 61 <223> OTHER INFORMATION: The N-terminal leu contains a tert-butyoxycarbonyl
 62       modification.
 64 <400> SEQUENCE: 2
W--> 65 Leu Arg Arg Xaa
```

Per Sequence Rules, Xaa can only represent a single amino acid, nothing else

same error

RAW SEQUENCE LISTING DATE: 05/05/2000
PATENT APPLICATION: US/09/031,629 TIME: 12:06:01

Input Set : A:\Mgh73531.app
Output Set: N:\CRF3\05052000\I031629.raw

```
66   1
69 <210> SEQ ID NO: 3
70 <211> LENGTH: 4
71 <212> TYPE: PRT
72 <213> ORGANISM: Artificial Sequence
74 <220> FEATURE:
75 <221> NAME/KEY: SITE
76 <222> LOCATION: (4)
77 <223> OTHER INFORMATION: Xaa at position 4 is beta-napthylamide attached to
78       the C-terminal glu.
80 <220> FEATURE:
81 <223> OTHER INFORMATION: Description of Artificial Sequence:Fluorogenic
82       peptide used for degradation assays.
84 <220> FEATURE:
85 <221> NAME/KEY: SITE
86 <222> LOCATION: (1)
87 <223> OTHER INFORMATION: The N-terminal leu contains a carbobenzoyx
88       modification.
90 <400> SEQUENCE: 3
W--> 91 Leu Leu Glu Xaa
92   1
95 <210> SEQ ID NO: 4
96 <211> LENGTH: 6
97 <212> TYPE: PRT
98 <213> ORGANISM: Artificial Sequence
100 <220> FEATURE:
101 <223> OTHER INFORMATION: Description of Artificial Sequence:Heptapeptide
102       from the carboxy-terminal-domain of RNA polymerase
103       II large subunit.
105 <400> SEQUENCE: 4
106 Tyr Ser Pro Thr Pro Ser
107   1               5
110 <210> SEQ ID NO: 5
111 <211> LENGTH: 32
112 <212> TYPE: DNA
113 <213> ORGANISM: Artificial Sequence
115 <220> FEATURE:
116 <223> OTHER INFORMATION: Description of Artificial Sequence:Probe for
117       wild-type kappa B1 sequence.
119 <400> SEQUENCE: 5
120 gatctaggga ctttccgctg gggactttcc ag                                32
123 <210> SEQ ID NO: 6
124 <211> LENGTH: 40
125 <212> TYPE: DNA
126 <213> ORGANISM: Artificial Sequence
128 <220> FEATURE:
129 <223> OTHER INFORMATION: Description of Artificial Sequence:Probe for
130       wild-type kappa B2 sequence.
132 <400> SEQUENCE: 6
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RAW SEQUENCE LISTING DATE: 05/05/2000
PATENT APPLICATION: US/09/031,629 TIME: 12:06:01

Input Set : A:\Mgh73531.app
Output Set: N:\CRF3\05052000\I031629.raw

133 gatctcaggg gaatctccct ctccttttat gggcgtagcg 40

VERIFICATION SUMMARY DATE: 05/05/2000
PATENT APPLICATION: US/09/031,629 TIME: 12:06:02

Input Set : A:\Mgh73531.app
Output Set: N:\CRF3\05052000\I031629.raw

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:39 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:65 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:91 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3